

# ABSTRACT

The present invention is directed to a system for fragmenting rock obstacles and obstructions in mines. The system uses a projectile having a flat or concave nose and a detonating device that has a safety pin to prevent a striker from prematurely igniting the primer during handling of the projectile. The primer is designed to initiate a detonator which detonates an explosive charge upon impact of the projectile with the target rock. The system can include transmitters and receivers and counters to provide remote operation of projectile launch, prearming, arming and/or detonation.

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